

USER'S GUIDE



FSHDT-5000 FORTEC MINI HD



HIGH DEFINITION SET TOP BOX

WARNING

If the battery is fixed or packed, it should not be exposed to excessive heat like, Sunlight or Fire etc....

The connection to the device must have ON / OFF Switch for easy operation.

تحذير

البطاريات سواء كانت مركبه او محزمه يجب الا تتعرض للحراره الزائده مثل اشعه الشمس او النار وماشابه ذلك

قابض مصدر الكهرباء الرئيسي او قارن الجهاز كاداه الفصل يجب ان يبقي جاهز لامكانيه التشغيل

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GENERAL INFORMATION

A Digital Satellite Receiver is a convenient product that allows you to view a variety of programs provided through satellite. This user's guide covers the installation of the DSR and the necessary steps to implement various features. This also explains special features available only in this DSR in detail, which will allow you to make full use of these features.

Information confirmed in this document is subject to change. We reserves the right, without notice, to make change in product design or performances as progress in engineering or technology.

Main Features

- MPEG2 SD, MPEG2 HD, H.264/AVC SD, H.264/A VC HD,MP4,Div
- Embedded Conax(OPTION)
- SCPC and MCPC receivable from C/Ku band satellite
- Automatic PAL/NTSC conversion
- 4000 TV and Radio Channel Programmable
- 32 different favorite groups selection
- Multi-language OSD
- Fully support to 7 days Electronic Program Guide(EPG)
- Picture in Graphics(PIG) support
- True color On Screen Display
- Automatic network search for newly added transponders
- DiSEqC 1.2 fully support, 13/18V, 0/22K LNB control
- Various channel editing functions(favorite, moving, locking, renaming, deleting and sorting)
- Parental control for channels
- Easy to use Menu System
- Software upgrades through RS232 port and Receiver to receiver,
- Support USB upgrade
- 8 Timer Reservations, automatically switch to a specific channel
- Subtitle support DVB EN300743 and EBU
- Teletext support DVB ETS300472 by VBI and OSD
- Automatic save for last channel
- Channel list can be sorted by alphabetic A Z,Scramble,Favorite,Lock,Sat
- Dual display - HD and SD simultaneous
- Support FAT16/F AT32/FA T12
- Only list JPEG/BMP files
- 480i/p, 576i/p, 720p, 1080i, 1080p with HDCP copy protection
- Games
- Recording, Timeshift, Mediaplayer

GENERAL INFORMATION

For Your Safety



- To avoid electric-shock hazards, do not open the cabinet, refer servicing to qualified personnel only.



- Keep the receiver away from flower vases, tubs, sinks, etc., in order to avoid damaging the equipment.



- Do not expose the receiver under the sunlight. And keep it away from the heat source.



- Do not block ventilation holes of the Receiver so that air can circulate freely.



- When the abnormal phenomenon occur, you should cut off the power immediately.



- Do not touch the receiver during thunder, since that might create electric-shock hazards.

GENERAL INFORMATION

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions – All the safety and operating instructions should be read before this product is operated.
2. Keep these instructions – The safety and operating instructions should be retained for future reference.
3. Heed all warnings – All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow all instructions – All operating and use instructions should be followed.
5. Do not use this apparatus near water – The appliance should not be used near water or moisture – for example, in a wet basement or near a swimming pool, and the like.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacture's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.




13. Unplug the apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
16. Ensure that the ventilation is not impeded by covering the ventilation openings with items such as newspapers, table-cloth, curtains, etc.
17. WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.

GENERAL INFORMATION

18. CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
19. WARNING: The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.
20. WARNING: The mains plug is used as disconnect device, the disconnect device shall remain readily operable



21.  Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

GENERAL INFORMATION

Unpacking



● Remote Control



● Batteries
2x1.5V AAA



● User's Guide



● IR



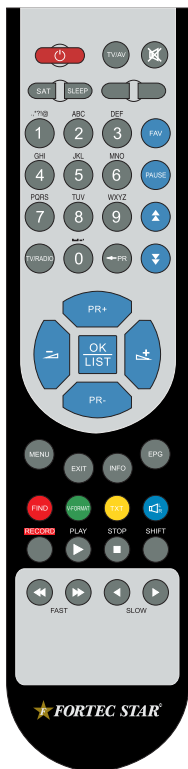
● external power supply

General Operation

- Throughout this manual you will notice that the everyday operation of the receiver is based on a series of user friendly on screen display and menus. These menus will help you get the most from your receiver, guiding you through installation, channel organizing, viewing and many other functions.
- All functions can be carried out using the buttons on the RCU, and some of the functions can also be carried out using the buttons on the front panel.
- The receiver is easy to use, always at your command and adaptable for future advances.
- Please be aware that new software may change the functionality of the receiver.
- Should you experience any difficulties with the operation of your receiver, please consult the relevant section of this manual, including the Problem Shooting, or alternatively call your dealer or a customer service adviser.

GENERAL INFORMATION

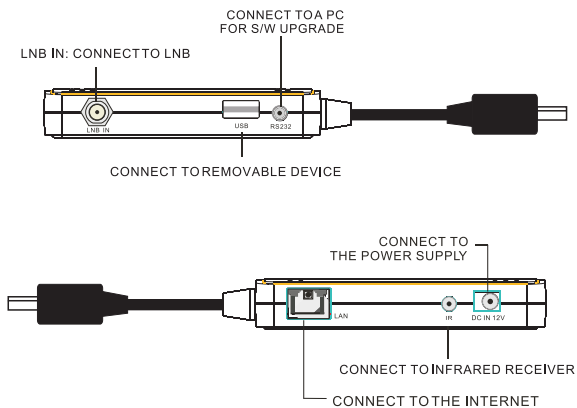
RCU



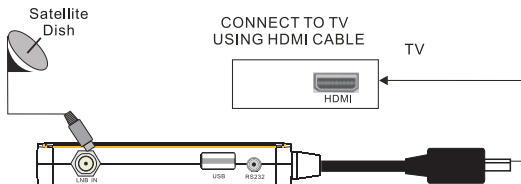
Key	Function
	Standby/On, standby/Off
	When watching a channel, mute the sound
0~9	Enter number of the required menu item or select a channel number to watch
TV/RADIO	Switches between TV and Radio mode
	Switches back to previous channel
FAV	Displays the favorite group list
SHIFT	Timeshift function key
FIND	Display the Find window
INFO	Show information of the current channel
MENU	Press this key one time to run menu onscreen
	Moves up / down a page in the list
OK, LIST	Executes the selected item in the menu screen or enters the desired value in any input mode
PR+, PR-	When watching a channel, change channels or move to the next higher or lower item in the menu
	When watching a channel, adjust the volume or move to the left or right item in the menu
EXIT	Return to the previous menu on the menu screen or escape from the menu
EPG	Call up the EPG (Electronic Program Guide)
	Display the Audio window.
TV/AV	Switch between TV and AV modes
TXT	Switch to teletext or subtitle mode
V-FORMAT	Changes the HD-Format
PAUSE	Press once to pause the screen picture, press once again to go to the normal mode
SLEEP	Enter into the sleep in mode
SAT	Display the satellite list
RECORD	Record the program
	Play and stop the program
	Press to fast forward or fast backward
	Press to slow forward or slow backward

GENERAL INFORMATION

Rear Panel

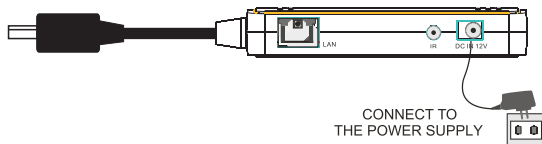
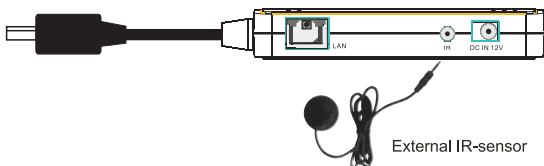


Connecting to TV using HDMI support

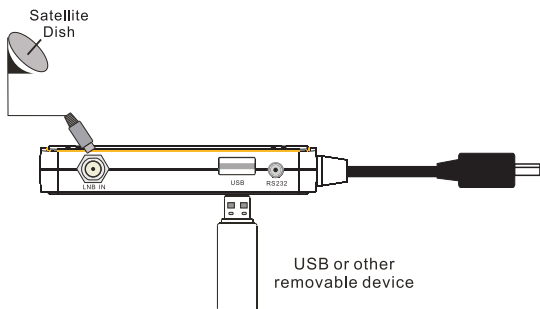


INSTALLATION

Connect to power supply and external IR-sensor



Connecting to USB device



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● The picture is only for reference, please make the object as the standard.

MENU INFORMATION

Main Menu

- Make sure that you have properly installed and connected the cables of the receiver . If the receiver is the factory status or there is no program list, when power on, the Main Menu window will be displayed on the screen. During the normal TV/Radio mode, press **MENU** key on the RCU to enter into the **Main Menu** window.

- This menu consists of 6 major main menus as follow.

- Edit Channel
- Installation
- System Setup
- Tools
- Game
- REC



- During the installation the **OK** key confirms a selection and **LIST** key shows Down List Box if the column has ◀ ▶ mark. You can also use the numeric keys on the RCU to enter numeric value.

Use the **PR+**, **PR-** key to move upwards and downwards from one line to another line and use **↵** **↶** key to move from main menu to sub menu and move from left side to right side or versa.

Meantime, you want to escape the menu system, please press **MENU** or **EXIT** key on the RCU.

MENU INFORMATION

- If there is no program, you can not exit from the **Main Menu** window by pressing **MENU** or **EXIT** key. System will inform "No channel" and the following items turn grey.

Sub-menu	Turn grey when there is no program
Edit Channel	TV Channel List Radio Channel List Delete channels by satellite
Installation	Antenna Connection Satellite List Antenna Setup Single Satellite Search Multi Satellite Search TP List
System Setup	Language TV System Local Time Setting Display Setting Parental Lock OSD Setting Other Favorite Timer Setting
Tools	Information Factory Setting Upgrade by USB Conditional Access Upgrade by Network Wifi Manager Weather forecast Network Local Setting RSS Reader
Game	Othello Sudoku
REC	PVR Storage Information PVR Setting Remove USB device safely Media Player

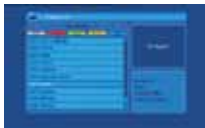
1. Edit Channel

- Press **OK** key or \leftarrow key to pop up the "Input Password" dialogue, you can not enter into the menu unless the correct password is inputted. The default password is "0000".
- Press **PR+**, **PR-** keys to move the cursor up or down.
- Press **EXIT** key or \rightarrow key to move the focus to the left menu.



1.1 TV Channel List

- Press \leftarrow \rightarrow keys to select satellite.
- Press **PR+**, **PR-** keys to select the program that you want to play, and then press **OK** key to view it in the small window. If move the **yellow** cursor to select up or down, you will see a gray line which indicates the playing program in the small window.



MENU INFORMATION

3. Press **FAV** key to move the FAV button upward. Select the program and press **OK** key to pop up the favourite group list. In the list, select the group that you want to add into and press **OK** key, and then you will find the favourite mark is displayed at the right side of the selected program.



Press **FAV** key again to exit from the fav mode, and you will find the FAV button return to the origin position.

4. Press **red** colour key to move the Lock button upward. Select the program and press **OK** key to mark this program with the Lock mark. You can cancel this mark by pressing **OK** key once more.



Press **red** colour key again to exit from the lock mode, and you will find the Lock button return to the origin position.

5. Press **green** colour key to move the Skip button upward. Select the program and press **OK** key to mark this program with the skip mark. You can cancel this mark by pressing **OK** key once more.



Press **green** colour key again to exit from the skip mode, and you will find the Skip button return to the origin position.

6. Press **yellow** colour key to move the Move button upward. Select the program and press **OK** key to mark this program with the move mark. Press **PR+**, **PR-** keys to move the cursor to the position where you want to locate and press **OK** key to confirm.



Press **yellow** colour key again to exit from the yellow mode, and you will find the yellow button return to the origin position.

7. Press **blue** colour key to enter into the **Edit channel** window.



MENU INFORMATION

i . Sort (red colour key)

Press **red** colour key to pop up the Sort drop-down list.

Name(A-Z): The ascending order, omitting the \$ character, the number is ahead, then the capital letter, at last the lowercase.

Name (Z-A): The opposite order of the above Name (A-Z).

Free/Scramble: All FTA programs are listed ahead, while all scrambled programs are listed last.

Lock: all locked programs are listed at the last.

Default

ii. Edit (green colour key)

Press green colour key to move the Edit button upward. Select the program and press **OK** key to pop up the **Rename** window.

In **Rename** window, press **red** colour key to switch between capital letter and lower letter; press **green** colour key to delete the character on the cursor; press **←** **→** keys to move the cursor left or right; press **numeric keys (0-9)** to input the character, please refer to the down table. Press **yellow** colour key to save and exit, or press **blue** key to cancel and exit.



Numeric keys	Press numeric key repeatedly, display in circle
1	.,*?!@1
2	ABC2
3	DEF3
4	GHI4
5	JKL5
6	MNO6
7	PQRS7
8	TUV8
9	WXYZ9
0	[space]_-0

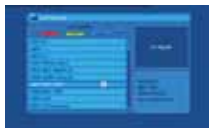
If the name is empty, system will pop up a dialogue informing "Name" once **yellow** colour key is pressed. Press **OK** key to close this dialogue.

MENU INFORMATION

iii. Delete (blue colour key)

In **Delete** window, press **blue** colour key to move the Delete button upward. Select the program and press **OK** key to mark this program with the deletion mark. You can cancel this mark by pressing **OK** key again.

Press **EXIT** key to pop up the dialogue "Are you sure to save?". Select Yes button and press **OK** key to save, or select NO button and press **OK** key to exit without saving.



1.2 Radio Channel List


The same operation as 1.1 **TV Channel List**, here we don't explain anymore.

1.3 Delete channels by satellite


Press **OK** key to pop up delete channels by satellite window, press **PR+,PR-** key to select the programs, and press **OK** key to add delete mark, press **OK** again the delete mark will disappeared. Press **red** key to select all programs to add delete mark, press yellow key to pop up the dialogue: "Warning, Do you really want to delete all channels". Select Yes button and press **OK** key to save, or select NO button and press **OK** key to exit without saving.



2. Installation

1. Press **OK** key or  key to pop up the "Input Password" dialogue, you can not enter into the menu unless the correct password is inputted. The default password is "0000".

2. Press **PR+, PR-** keys to move the cursor up or down.

3. Press **EXIT** key or  key to move the focus to the left menu.



2.1 Antenna Connection

Press \leftarrow \rightarrow keys to select between Motor Antenna and Fixed Antenna.



2.2 Satellite List

1. Press **PR+**, **PR-** keys to select the satellite up or down. Press **OK** key to select and mark, and you can press **OK** key again to cancel the selection and the mark.



2. If there is no satellite, the red colour and blue colour keys will be invalid.

3. Press **red** colour key to pop up the **Edit Satellite** window. Press **PR+**, **PR-** keys to move cursor up or down.



Name: User numeric keys to change the name of the satellite, please refer to the **Edit Channel Name**.

Longitude: You can press \leftarrow \rightarrow keys to switch between east longitude and west longitude. After pressing **OK** key, you can use numeric keys to edit the longitude, press **EXIT** key or the **PR+**, **PR-** keys to exit editing mode. The range of the longitude is from 1 to 180 degree. If beyond this range, system will inform you "out of range" when you press **yellow** colour key on the RCU.

After setting, press **yellow** colour key to save and exit, while press blue colour key to exit without saving.

4. Press **green** colour key to pop up the **Add Satellite** window. Since the same operation as the above **Edit Satellite** window, here we don't explain any more.



5. Press **blue** colour key to pop up the dialogue "Are you sure to delete?". Select Yes button and press **OK** key to delete the selected satellite. You can cancel this operation by pressing **OK** key at the NO button.



MENU INFORMATION

2.3 Antenna Setup

Part A: Fixed

Suppose that you have selected Fixed Antenna in the **Antenna Connection** window.

1. Satellite: All selected satellites in the satellite list are displayed in this item.

Press \leftarrow \rightarrow keys to select the satellite in circle. Or press **OK** key to pop up the drop-down list, then select the desired satellite in the list and press **OK** key to confirm.

2. LNB Freq, Transponder, DiSEqC1.0, DiSEqC1.1: The same operation as the above.

3. 22K, 0/12V, Polarity: You can press \leftarrow \rightarrow keys to select in circle.



Part B: Motor

Suppose that you have selected Motor Antenna in the **Antenna Connection** window.

1. LNB Type: Select the proper LNB type.

2. Motor Type: Select between DiSEqC1.2 and USALS. If you select DiSEqC1.2, the following Local Longitude and Local Latitude items will turn grey.

3. Delete All: Press **OK** key to pop up the dialogue "Are you sure to clear set satellite position of this tuner?". Press **OK** key at the Yes button to clear all the memories about the position of the satellites that are connected to the current tuner.

4. Motor Setting: Press **OK** key to the **Motor Setting** window.

Satellite: Press \leftarrow \rightarrow keys to select the satellite in circle. Or press **OK** key to pop up the drop-down list, then select the desired satellite in the list and press **OK** key to confirm.

Transponder: The same operation as the above.



MENU INFORMATION

Position No., & Save: The range is from 0 to 63. "0" delegates the original position. You can select the proper value when you has rotated the antenna.

Go to X: Press **OK** key to pop up the drop-down list, select the proper position (reference or from 1to 63) to realize the selected position.

West <Save> East: Press \swarrow key to turn west, while press \searrow key to turn east. Press **OK** key to pop up the dialogue "Are you sure to change this satellite's position?". Press **OK** key at the Yes button to save the current position, or press **OK** key at the No button to cancel the operation.

Recalculation: Press **OK** key to pop up the dialogue "Are you sure to change this satellite's position?". Press **OK** key at the Yes button to recalculation.

5. Limit Setup: Press **OK** key to pop up the **Limit Setup** window.

Limit Setup: Press \swarrow \searrow keys to switch among Disable Limit, East Limit and West Limit.

Limit Setup: Move cursor to the Limit Setup button. You can press \swarrow key to turn west, or press \searrow key to turn east.

Go to Reference: Press **OK** key to go to reference. If you select Disable Limit in the above Limit Setup item, this button will turn grey.



6. If select USALS, Delete All item will turn grey.

Local Longitude, Local Latitude: Press \swarrow \searrow keys to switch between West and East, or press \swarrow \searrow keys to switch between North and South. Press **OK** key to enter into the editing mode. Use **numeric keys (0-9)** to input the longitude or latitude, press **MENU** key or **EXIT** key to exit. The range of the longitude is from 0 to 180, while the range of the latitude is from 0 to 90. If the inputted value is not in this range, system will pop up a dialogue "Out of Range" when you exit from this window. You can press **OK** key to close this dialogue.



MENU INFORMATION

7. Motor Setting: Press **OK** key to enter into the **Motor setting** window.

Satellite, Transponder: Press \leftarrow \rightarrow keys to select satellite or transponder, or press **OK** key to pop up the drop-down list and select in the list.



2.4 Single Satellite Search

1. Satellite : Press \leftarrow \rightarrow keys to select the satellite in circle. Or press **OK** key to pop up the drop-down list, then select the desired satellite in the list and press **OK** key to confirm.

2. FTA Only: Press \leftarrow \rightarrow keys to select between Yes and No.

3. Scan Channel: Press \leftarrow \rightarrow keys to select among TV+Radio, TVChannel, Radio.

4. Network Search: Select between No and Yes. This item turns grey when Auto Scan is selected in the following Scan mode item.

5. Scan Mode: Press \leftarrow \rightarrow keys to select between Auto Scan and Preset Scan. Auto Scan is Blind scan, while Preset Scan is to search the preset frequencies.

6. Search: Press **OK** key to start searching.



2.5 Multi Satellite Search

From the **Multi Satellite Search** window, you can search several satellites at the one time.

1. Satellite: All selected satellites in the satellite list window are displayed on the down part. You can press \leftarrow \rightarrow keys to switch among them.

2. FTA Only: Press \leftarrow \rightarrow keys to select between Yes and No.

3. Scan Channel: Press \leftarrow \rightarrow keys to select among TV+Radio, TVChannel, Radio.



MENU INFORMATION

4. Network Search: Select between No and Yes. This item turns grey when Auto Scan is selected in the following Scan mode item.

5. Scan Mode: Press \leftarrow \rightarrow keys to select between Auto Scan and Preset Scan. Auto Scan is Blind scan, while Preset Scan is to search the preset frequencies.

6. Search: Press **OK** key to start searching.

2.6 TP List

1. Press **PR+,PR-** keys to select the proper satellite.



2. Press **red** colour key to pop up the **Edit TP** window.

Frequency, Symbol rate: Press \leftarrow \rightarrow keys to add or reduce by step one. Or press **numeric keys (0-9)** to input the desired value. The range of the frequency is 3000-13500, while the range of the symbol rate is 1000~45000. The inputted value is beyond this range, the value will return to the origin value.



Polarity: Press \leftarrow \rightarrow keys to switch between Vertical and Horizontal.

3. Press **green** colour key to pop up the **Add TP** window. Since the same operation as the above **Edit TP** window, here we don't explain any more.



MENU INFORMATION

4. Press **yellow** colour key to pop up dialogue "Are you sure to delete?". Press **OK** key at the Yes button to delete the selected TP, or press **EXIT** key to cancel the operation.



5. Press **blue** colour key to pop up the **TP Search** window.

FTA only, Scan Channel, Network Search:
Press \leftarrow \rightarrow keys to select the proper option.
Press **OK** key at the OK button to start searching.



3. System Setup

1. Press **OK** key or \rightarrow key to move the cursor to the right menu.
2. Press **PR+**, **PR-** keys to move the cursor up or down.
3. Press **EXIT** key or \leftarrow key to move the focus to the left menu.



3.1 Language

1. Press **OK** key to enter into the **Language** window. Press \leftarrow \rightarrow keys to select the language in circle, while press **PR+**, **PR-** keys to move the cursor up or down in circle.
2. Press **MENU** key or **EXIT** key to save and exit.
3. The types of the language, please refer to the configuration of the customer.



MENU INFORMATION

3.2 TV System

Press **PR+**, **PR-** key to move the cursor up or down, while press **↵** **⏪** keys to change the setting and the setting will take effect immediately.

1. **Video Resolution:** Select among 480i, 576i, 480p, 576p, 720p, 1080p, 1080i, by Native TV and by Source.
2. **Aspect Mode:** Select among 4:3LetterBox, 4:3PanScan, 16:9 and Auto.
3. **Digital Audio Out:** Select among LPCMOut, Auto and BS Out.



3.3 Display Setting

1. **Brightness:** Press **↵** **⏪** key to select from 0-100.
2. **Contrast:** Press **↵** **⏪** key to select from 0-100.
3. **Saturation:** Press **↵** **⏪** key to select from 0-100.
4. **Hue:** Press **↵** **⏪** key to select from 0-100.
5. **Sharpness:** Press **↵** **⏪** key to select from 0-10.



3.4 Local Time Setting

1. **Summer Time:** Select between ON and OFF. "OFF" delegates the normal time. If select ON, time will add one hour.

2. **GMT Offset:** When select "ON" in GMT Usage item, system will get the date and time information from the screen automatically. Date and Time two items will turn grey. Select the proper option in the GMT Offset item. The default setting is GMTON.

3. **Date, Time:** When select "OFF" in GMT Usage, Date and Time two items take effect, while GMT Usage turns grey. Use numeric keys to input the desired value.5. After setting, press **MENU** key or **EXIT** key to exit and save. If the value is invalid, system will inform "Invalid input! Continue to edit?". Press **OK** key at the Yes button to continue the modification, or press **OK** key at the No button to exit without saving.



MENU INFORMATION

3.5 Timer Setting

If there is no program, you can not enter into this window. There are 8 timers that can be set. Select Timer up or down, and press OK key to enter into the setting window.

1. Timer mode: The default mode is off. You can set the timer off, once, daily
2. Timer Service: Select between Channel or Record. If Channel is selected, the Wakeup Channel is displayed in the following item. If Record is selected, the Wakeup Message is displayed in the following item.

3. Wakeup Date, On Time: Use numeric keys to input the valid date.

Duration: Set the gap time. After waking up, system will power off automatically after the duration time. Press MENU or EXIT key to save and exit. Before entering into the Parental Lock window, you need input the correct password. The default password is 0000.

4. PS Record: Select between Yes and No.



3.6 Parental Lock

Before entering into the **Parental Lock** window, you need input the correct password. The default password is **0000**.

1. **Menu Lock:** Press \leftarrow \rightarrow keys to select between Off and On. If select "On", you can not enter into the window before entering the password.

2. **Channel Lock:** Press \leftarrow \rightarrow keys to select between Off and On. The default value is Off.

If select "On", you can not view the locked channel set in **Chanel List Edit** window until you have inputted the correct password.

3. **New Password:** User **numeric key (0-9)** to input the new password.

4. **Confirm Password:** Input the new password once again. Confirm password must be the same as the New password. System will inform you "Change password successfully!" while they are the same, or inform you to input the password of Confirm password once again when they are not the same.



3.7 OSD Setting

1. OSD Timeout: Press \leftarrow \rightarrow keys to select from 1 to 10 by step 1. The default values is 5.

2. OSD Transparency: Press \leftarrow \rightarrow keys to select among Off, 10%, 20%, 30%, 40%. The default option is Off.

Press MENU or EXIT key to save and exit.



MENU INFORMATION

3.8 Favorite

There are 32 favorite groups listed in this window. Press **PR+**, **PR-** keys to select one and press **OK** key to the **Rename** window. Since the same operation as the above the **Add Satellite** window, here we don't explain any more.



3.9 Other

1. LNB Power: Select between Off and On.
2. Channel Play Type: Select among All, Free, Scramble.
3. Channel Change: Select between Black screen and Freeze.
4. Auto Standby: Select between On and Off.



4. Tools

1. Press **OK** key or \leftarrow key to pop up the "Input Password" dialogue, you can not enter into the menu unless the correct password is inputted. The default password is **0000**.
2. Press **PR+**, **PR-** keys to move the cursor up or down.
3. Press **EXIT** key or \rightarrow key to move the focus to the left menu.



4.1 Information

Press **OK** key to the Information window.



4.2 Factory Setting

Press **OK** key to enter into the **Factory Setting** window.

Select Yes button and press **OK** key to return to the factory setting. All searched channels and set information will be erased.

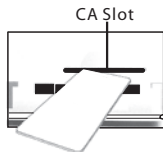
Select No button and press **OK** key to cancel this operation, or press **MENU** or **EXIT** key to cancel and exit.



MENU INFORMATION

4.3 Conditional Access

Insert the smart card with the golden chip facing down. Push the smart card into the CA slot. Only a few millimetres of the card should be visible outside the slot.



Select **Conditional Access** item and press **OK** key, then you will enter into its sub-menu which consists four items of About CA Info, Change PIN, Change Signature PIN, MaturityLevel.

4.4 Upgrade by USB

1. Upgrade File: Show the Upgrade File.
2. Upgrade Mode: Select among allcode+bootloader, main code, defaultdb, userdb and dump. When users switch the upgrade mode, "Upgrade File" will show the corresponding file according to the table below:

Upgrade Mode	File feature
All code :	File named as "*.abs"
Main Code:	File named as "*.abs"
Radio back:	File named as "*.abs", the picture will be used as both radio back and menu back
Default db:	File named as "*.abs"



- Select the upgrade mode and upgrade file, then you can start upgrade by USB.
3. Press OK key on start button to start receiving the data from USB device. When the USB device is not connected, this item is grey, you cannot edit it now.

4.5 Network Local Setting

DHCP: Select between ON and OFF, when it ON, the IP Address, Subnet Mask and Gateway item will turn grey, you cannot edit them.

Press number 0-9 the input the address.



4.6 Wifi Manager

Insert Wifi equipment first, then search available Enter net signal, input the password to connect with network.

MENU INFORMATION

4.7 Upgrade by Network

1. Protocol: Select between HTTP and FTP.
 2. URL Type: Select between number and string.
 3. URL: press number key 0-9 to input.
 4. User: Press number key 0-9 to input the user name.
 5. Press number key 0-9 the input the password.
 6. Press OK key on star button to begin updating
- Press green key to delete the number or characters and press red key to switch the input mode.



4.8 Weather Forecast

- Press green key to add city
Press yellow key to delete city
Press red key to update



4.9 RSS Reader

- RSS Channel list is on the left side of window
RSS News list is on the right side of window
Press PR+, PR- key to select channel you wanted
- Press red key to update
Press green key to add channel
Press yellow key to delete channel
Press blue key to edit channel



5. Game

1. Press OK key or \leftarrow key to enter into the game.
2. Press PR+, PR- keys to move the cursor up or down.
3. Press EXIT key or \rightarrow key to move the focus to the left menu.
4. Select the game that you want to play and press OK key to enter into the window.

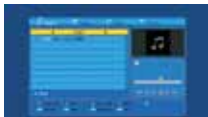


6. REC

6.1 Media Player

This menu will be disabled when no USB device is plugged. Media Play List will not be saved when USB plug out or standby or power off.

Move scroll bar when press up/down key, page up or down by page key. Go into sub-directory when press ok key in the file directory, play the selected file when scroll bar is on the file, automatic return USB menu after play is over.



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Color key operation:

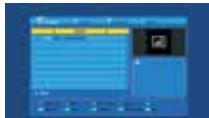
- 1.Green key: Press green key to add the favorite symbol on your selected files, and put the file selected by scrollbar to playlist .
- 2.Yellow Key: Press yellow key to add all the image and music files to the playlist .
- 3.Red Key: Show the Play List.
- 4.Blue Key: Press blue key to enter the edit window.

Function key:

Press number key 0 to switch among music, image, video and record list.

In image list

Press number key 1 to display the **Sort** window.
Press number key 2 to display the **Setup** window.
Press number key 3 to enter multi view mode.



In edit window:

Red key: Press red key to enter the rename window, you can rename the file by press number 0-9 on RCU.

Green key: Press green key to enter the copy window, press \leftarrow \rightarrow key to select the place you want to copy to, and press green key to begin copying.

Yellow key: Press yellow key to add the delete symbol on your selected file, press yellow key again

the symbol will disappeared. Press OK key on the file with delete symbol, it will pop up a dialogue: " Are you sure to delete ?" Select YES to delete and select NO to quit without delete the file. and press EXIT key to quit without delete the file.

Blue key: Press blue key to enter the New Folder window, you can press number 0-9 to edit.



In music list

Press number key 1 to display the **Sort** window.
Press number key 2 to select the repeat mode.
The function of colour key is the same as **Color key operation**



In video list

Press number key 1 to display the **Sort** window.
The function of colour is the same as **Color key operation**



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In record list

Red key: Press red key to enter the rename window, you can rename the file by press number 0-9 on RCU

Green key: Press green key to lock the file you selected

Yellow key: Press yellow key to delete the file you selected.



6.2 PVR Storage Information

Yellow key: Press yellow key to format the disk

Blue key: Press blue key to pop up DVR Set window.



6.3 PVR Setting

1. Time shift: Select between Off and On.

2. Timeshift to Record: Select between On and Off.

3. Jump: Select among 30 sec, 1 min, 5 min, 10 min and 30 min.



6.4 Remove USB Device Safely

Press OK on this item it will pop up a dialogue: "You can safely remove USB device now!", then you can move your USB device safely.

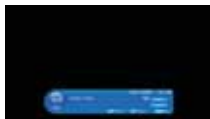
MENU INFORMATION

7. Hot Key

7.1 Info

Press **INFO** key to pop up the Infobar.

Press **INFO** key again to pop up the program guide of the current program.



7.2 EPG

Press **EPG** key to enter into the EPG window.

1. Press **PR+**, **PR-**, \uparrow , \downarrow keys to select up or down, left or right.

2. Press **red** colour key to pop up the Time Bar window. Press **PR+**, **PR-** keys to select up or down, while press \uparrow , \downarrow keys to select left or right in the time bar.

\leftarrow : Press **OK** key at this button to return to the EPG window.

\uparrow : Press **OK** key at this button to move the cursor to the current time line.

\blacktriangleleft : Press **OK** key to push the time forward or backward by half an hour.

$\blacktriangleleft\blacktriangleright$: Press **OK** key to push the time forward or backward by half an hour.

$\blacktriangleleft\blacktriangleright\blacktriangleleft\blacktriangleright$: Press **OK** key to push the time forward or backward by a day.

3. Detail Information: In the EPG window, press **PR+**, **PR-**, \uparrow , \downarrow keys to select the channel and program, and press **OK** key to know the detail information of the current program.

4. Press green colour key to enter into the **Timer** window. You can add the current program to the Timer. If 8 timers are already set, system will inform you "Timer is full!".



MENU INFORMATION

7.3 Find

Press **FIND** key on to pop up the Find window. Use numeric keys to enter into the character and use the colour keys to realized the corresponding operation.



7.4 Number

Use the **numeric keys (0-9)** to input the number of the desired channel. If the inputted number is beyond the valid channel number, system will "No such a channel" and press **OK** key to close this message.

7.5 TV/RADIO

In normal mode, press **TV/RADIO** key to switch between TV mode and Radiomode.

7.6 Up/Down (Channel Change)

Press **PR+**, **PR-** keys to change the channel up or down. If in the all satellites group, you can select channel in all searched channels. If in the specific satellite, only can select channel in the satellite group.

7.7 Left/Right (Volume+/-)

Press **↶**, **↷** keys to change the volume. Press **↶** keys to decrease the volume, while press **↷** keys to increase the volume.

7.8 Mute

Press **⏸** key to turn off the volume. You can press **⏸** key once again to restore the volume, or press **↶**, **↷** keys to increase the volume.

7.9 Pause

During the viewing, you can press **PAUSE** key to stop the picture while the volume continues. You can play the picture by pressing **PAUSE** key once again.

7.10 OK

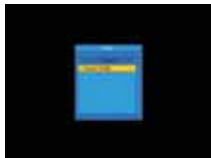
1. During the viewing or listening, press **OK** key to pop up the TV program list or the Radio program list.
2. Press **PR+**, **PR-** keys to select the channel up or down, and then press **OK** key to play this channel in full-screen.
3. Press **↶**, **↷** keys to select the satellite.
4. Press **MENU** or **EXIT** key to close this window.



MENU INFORMATION

7.11 Audio

1. Press **OK** keys to enter into the Audiowindow.
2. Press **Left** **Right** keys to select among Left, Right, Stereo, and Mono.
3. Changing the audio mode is only connected with the current channel, not all the channels.
4. Press **MENU** or **EXIT** key to close this window.

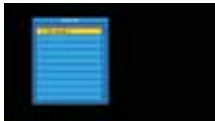


7.12 Recall

Press **PR** key to switch the current channel to the previous channel.

7.13 FAV

1. Press **FAV** key to pop up the favourite group window.
2. Press **Left** **Right** keys to select the favorite group. Press **PR+**, **PR-** keys to select the channel up or down. Press **OK** key at the selected channel to view it in full-screen. Press **MENU** or **EXIT** key to exit.
3. If there is no favorite channel, system will inform "No FAV Channel!" when you press **FAV** key.



7.14 Teletext

Press **TXT** key to open the teletext on the screen. If there is no teletext, system will inform "No Teletext Data". Press **EXIT** key to exit.

TROUBLE SHOOTING

Problem	Possible causes	What to do
The display on the front panel does not light up.	Main cable is not connected.	Check that the main cable is plugged into the power socket.
No sound or picture, but the front panel shows red light.	The receiver is in standby mode.	Press the standby button.
No sound or picture.	The satellite dish is not pointing at the satellite.	Adjust the dish. Check the signal level in the Antenna Setup menu.
	No signal or weak signal.	Check the cable connections, LNB and other equipment connected between the LNB and the receiver, or adjust the dish.
	The satellite dish is not pointing at the satellite.	Adjust the dish.
	Signal is too strong.	Connect a signal attenuator to the LNB input.
Bad picture / blocking error.	Satellite dish is too small.	Change to a larger dish.
	LNB noise factor too high.	Change to an LNB with lower noise factor.
	The LNB is faulty.	Change the LNB.
The RCU is not working.	Battery exhausted.	Change the batteries.
	RCU is incorrectly aimed.	Aim RCU at the receiver, or check that nothing blocks the front panel.

- **Note** : If you have tried all of the actions suggested above, without solving the problem, please contact your dealer or service provider.

